

## DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION\*

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

**GOLF BALL CORE COMPOSITIONS CONTAINING HIGH VICAT SOFTENING  
TEMPERATURE, RESILIENT THERMOPLASTIC MATERIALS**

and for which a patent application:

☒ is attached hereto

☐ was filed in the United States on as Application No. *(for declaration not accompanying application)*

with amendment(s) filed on *(if applicable)*

☐ was filed as PCT international Application No. on and was amended under PCT Article 19 on *(if applicable)*

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION |         |                                      |  |
|--|---------|--------------------------------------|--|
| APPLICATION NUMBER   | COUNTRY | DATE OF FILING<br>(day, month, year) | PRIORITY<br>CLAIMED                                      |
|  |         |                                      | YES <input type="checkbox"/> NO <input type="checkbox"/> |
|  |         |                                      | YES <input type="checkbox"/> NO <input type="checkbox"/> |
|  |         |                                      | YES <input type="checkbox"/> NO <input type="checkbox"/> |

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

| PROVISIONAL APPLICATION NUMBER | FILING DATE |
|--------------------------------|-------------|
|                                |             |
|                                |             |
|                                |             |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

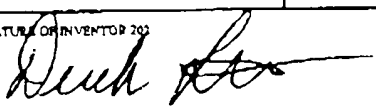
| NON-PROVISIONAL<br>APPLICATION SERIAL NO. | FILING DATE   | STATUS   |         |           |
|---|---------------|----------|---------|-----------|
|   |               | PATENTED | PENDING | ABANDONED |
| 09/285,463                                | April 2, 1999 |          | ✓       |           |
|   |               |          |         |           |
|   |               |          |         |           |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|     |   |                             |                                |                               |                   |
|-----|---|-----------------------------|--------------------------------|-------------------------------|-------------------|
| 201 | FULL NAME OF INVENTOR                           | LAST NAME<br>RAJAGOPALAN    | FIRST NAME<br>Murali           | MIDDLE NAME                   |                   |
|     | RESIDENCE & CITIZENSHIP                         | CITY<br>South Dartmouth     | STATE OR FOREIGN COUNTRY<br>MA | COUNTRY OF CITIZENSHIP<br>USA |                   |
|     | POST OFFICE ADDRESS                             | STREET<br>11 Flagship Drive | CITY<br>South Dartmouth        | STATE OR COUNTRY<br>MA        | ZIP CODE<br>02748 |
|     | SIGNATURE OF INVENTOR 201<br><i>M Rajagopal</i> |                             |                                | DATE<br>8/27/2011             |                   |
| 202 | FULL NAME OF INVENTOR                           | LAST NAME<br>LADD           | FIRST NAME<br>Derek            | MIDDLE NAME<br>A.             |                   |
|     | RESIDENCE & CITIZENSHIP                         | CITY<br>Vista               | STATE OR FOREIGN COUNTRY<br>CA | COUNTRY OF CITIZENSHIP<br>USA |                   |
|     | POST OFFICE ADDRESS                             | STREET<br>325 Pomelo Drive  | CITY<br>Vista                  | STATE OR COUNTRY<br>CA        | ZIP CODE<br>92083 |
|     | SIGNATURE OF INVENTOR 202                       |                             |                                | DATE                          |                   |
| 203 | FULL NAME OF INVENTOR                           | LAST NAME                   | FIRST NAME                     | MIDDLE NAME                   |                   |
|     | RESIDENCE & CITIZENSHIP                         | CITY                        | STATE OR FOREIGN COUNTRY       | COUNTRY OF CITIZENSHIP        |                   |
|     | POST OFFICE ADDRESS                             | STREET                      | CITY                           | STATE OR COUNTRY              | ZIP CODE          |
|     | SIGNATURE OF INVENTOR 203                       |                             |                                | DATE                          |                   |
| 204 | FULL NAME OF INVENTOR                           | LAST NAME                   | FIRST NAME                     | MIDDLE NAME                   |                   |
|     | RESIDENCE & CITIZENSHIP                         | CITY                        | STATE OR FOREIGN COUNTRY       | COUNTRY OF CITIZENSHIP        |                   |
|     | POST OFFICE ADDRESS                             | STREET                      | CITY                           | STATE OR COUNTRY              | ZIP CODE          |
|     | SIGNATURE OF INVENTOR 204                       |                             |                                | DATE                          |                   |
| 205 | FULL NAME OF INVENTOR                           | LAST NAME                   | FIRST NAME                     | MIDDLE NAME                   |                   |
|     | RESIDENCE & CITIZENSHIP                         | CITY                        | STATE OR FOREIGN COUNTRY       | COUNTRY OF CITIZENSHIP        |                   |
|     | POST OFFICE ADDRESS                             | STREET                      | CITY                           | STATE OR COUNTRY              | ZIP CODE          |
|     | SIGNATURE OF INVENTOR 205                       |                             |                                | DATE                          |                   |

| NON-PROVISIONAL<br>APPLICATION SERIAL NO. | FILING DATE   | STATUS   |         |           |
|---|---------------|----------|---------|-----------|
|   |               | PATENTED | PENDING | ABANDONED |
| 09:285,463                                | April 2, 1999 |          | ✓       |           |
|   |               |          |         |           |
|   |               |          |         |           |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|             |  |                             |                                |                               |                   |
|-------------|--|-----------------------------|--------------------------------|-------------------------------|-------------------|
| 2<br>0<br>1 | FULL NAME OF INVENTOR  | LAST NAME<br>RAJAGOPALAN    | FIRST NAME<br>Murali           | MIDDLE NAME                   |                   |
|             | RESIDENCE & CITIZENSHIP  | CITY<br>South Dartmouth     | STATE OR FOREIGN COUNTRY<br>MA | COUNTRY OF CITIZENSHIP<br>USA |                   |
|             | POST OFFICE ADDRESS  | STREET<br>11 Flagship Drive | CITY<br>South Dartmouth        | STATE OR COUNTRY<br>MA        | ZIP CODE<br>02748 |
|             | SIGNATURE OF INVENTOR 201  |                             |                                | DATE                          |                   |
| 2<br>0<br>2 | FULL NAME OF INVENTOR  | LAST NAME<br>LADD           | FIRST NAME<br>Derek            | MIDDLE NAME<br>A.             |                   |
|             | RESIDENCE & CITIZENSHIP  | CITY<br>Vista               | STATE OR FOREIGN COUNTRY<br>CA | COUNTRY OF CITIZENSHIP<br>USA |                   |
|             | POST OFFICE ADDRESS  | STREET<br>325 Pomelo Drive  | CITY<br>Vista                  | STATE OR COUNTRY<br>CA        | ZIP CODE<br>92083 |
|             | SIGNATURE OF INVENTOR 202<br> |                             |                                | DATE<br>8/27/01               |                   |
| 2<br>0<br>3 | FULL NAME OF INVENTOR  | LAST NAME                   | FIRST NAME                     | MIDDLE NAME                   |                   |
|             | RESIDENCE & CITIZENSHIP  | CITY                        | STATE OR FOREIGN COUNTRY       | COUNTRY OF CITIZENSHIP        |                   |
|             | POST OFFICE ADDRESS  | STREET                      | CITY                           | STATE OR COUNTRY              | ZIP CODE          |
|             | SIGNATURE OF INVENTOR 203  |                             |                                | DATE                          |                   |
| 2<br>0<br>4 | FULL NAME OF INVENTOR  | LAST NAME                   | FIRST NAME                     | MIDDLE NAME                   |                   |
|             | RESIDENCE & CITIZENSHIP  | CITY                        | STATE OR FOREIGN COUNTRY       | COUNTRY OF CITIZENSHIP        |                   |
|             | POST OFFICE ADDRESS  | STREET                      | CITY                           | STATE OR COUNTRY              | ZIP CODE          |
|             | SIGNATURE OF INVENTOR 204  |                             |                                | DATE                          |                   |
| 2<br>0<br>5 | FULL NAME OF INVENTOR  | LAST NAME                   | FIRST NAME                     | MIDDLE NAME                   |                   |
|             | RESIDENCE & CITIZENSHIP  | CITY                        | STATE OR FOREIGN COUNTRY       | COUNTRY OF CITIZENSHIP        |                   |
|             | POST OFFICE ADDRESS  | STREET                      | CITY                           | STATE OR COUNTRY              | ZIP CODE          |
|             | SIGNATURE OF INVENTOR 205  |                             |                                | DATE                          |                   |

POWER OF ATTORNEY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: M. RAJAGOPALAN et al.

Application No.: To Be Assigned

Group Art Unit: To Be Assigned

Filed: Concurrently Herewith

Examiner: To Be Assigned

For: GOLF BALL CORE COMPOSITIONS  
CONTAINING HIGH VICAT SOFTENING  
TEMPERATURE, RESILIENT  
THERMOPLASTIC MATERIALS

Attorney Docket No.: 174-983

**POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints: S. Leslie Misrock (Reg. No. 18872), Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Todd A.

POWER OF ATTORNEY

Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Alan Tenenbaum (Reg. No. 34939), Michael J. Lyons (Reg. No. 37,386), Garland T. Stephens (Reg. No. 37,242) and William J. Sipio (Reg. No. 34,514), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, all of Pennie & Edmonds LLP (PTO Customer No. 20582), as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Pennie & Edmonds LLP as partner, counsel, or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

An assignment of the entire interest in the above-identified subject application:


☐ was recorded on \_\_\_\_\_ at reel/frame \_\_\_\_\_.  
☒ is submitted herewith for recording.

Please direct all correspondence for this application to customer no. 20582.

ASSIGNEE:

Acushnet Company

Signature:



Typed Name:

Troy R. Lester

Position/Title:

Assistant Secretary

Address:

333 Bridge Street  
Fairhaven, MA 02719-4900

Date:

6/24/01

COPY

JOINT

ASSIGNMENT

WHEREAS, WE, Murali RAJAGOPALAN, a citizen of the United States, residing at 11 Flagship Drive, South Dartmouth, Massachusetts 02748 and Derek A. Ladd, a citizen of the United States, residing at 325 Pomelo Drive, Vista, California 92083, ASSIGNORS, are the inventors of the invention in **GOLF BALL CORE COMPOSITIONS CONTAINING HIGH VICAT SOFTENING TEMPERATURE, RESILIENT THERMOPLASTIC MATERIALS** for which we have executed an application for a Patent of the United States

☒ which is executed on ☒ even date herewith or ☐ \_\_\_\_\_

☒ which is identified by Pennie & Edmonds LLP docket no. 174-983

☐ which was filed on , Application No.

and WHEREAS, **Acushnet Company**, a Delaware Corporation having a place of business at 333 Bridge Street, Fairhaven, Massachusetts 02719, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date August 27, 2001 M. Rajagopal L.S.  
Murali Rajagopalan

State of Massachusetts )  
County of Bristol ) SS.:

On August 27, 2001, before me, JoAnn L. Fernandes, Notary Public, personally appeared Murali Rajagopalan, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

JoAnn L. Fernandes  
my Commission Expires: 2/31/01

Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.  
Derek A. Ladd

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public,  
personally appeared Derek A. Ladd, personally known to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their  
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

\_\_\_\_\_



JOINT

ASSIGNMENT

WHEREAS, WE, Murali RAJAGOPALAN, a citizen of the United States, residing at 11 Flagship Drive, South Dartmouth, Massachusetts 02748 and Derek A. Ladd, a citizen of the United States, residing at 325 Pomelo Drive, Vista, California 92083, ASSIGNORS, are the inventors of the invention in **GOLF BALL CORE COMPOSITIONS CONTAINING HIGH VICAT SOFTENING TEMPERATURE, RESILIENT THERMOPLASTIC MATERIALS** for which we have executed an application for a Patent of the United States

☒ which is executed on ☒ even date herewith or ☐ \_\_\_\_\_

☒ which is identified by Pennie & Edmonds as docket no. 174-983  
☐ which was filed on , Application No.

and WHEREAS, Acushnet Company, a Delaware Corporation having a place of business at 333 Bridge Street, Fairhaven, Massachusetts 02719, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.  
Murali Rajagopalan

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public, personally appeared Murali Rajagopalan, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

\_\_\_\_\_

Date 8/27, 2001

Derek A. Ladd  
Derek A. Ladd

L.S.

State of CA )  
County of USA ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public,  
personally appeared Derek A. Ladd, personally known to me on the basis of satisfactory evidence to be the person(s) whose  
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which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

\_\_\_\_\_